

SEQUENCE LISTING

( 1 ) GENERAL INFORMATION:

( i i i ) NUMBER OF SEQUENCES: 16

( 2 ) INFORMATION FOR SEQ ID NO: 1:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 38 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

GAGGATGCCT TTATGGATCC ACTCGAGATC CCAATCCA

38

( 2 ) INFORMATION FOR SEQ ID NO: 2:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 26 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

AATTCGGATG ATGCATGCAT CGACCC

26

( 2 ) INFORMATION FOR SEQ ID NO: 3:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 14 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

-continued

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TCGAGTCATC CGAT

14

( 2 ) INFORMATION FOR SEQ ID NO: 4:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 16 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: double
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

ATCGGATGAC ATCAAC

16

( 2 ) INFORMATION FOR SEQ ID NO: 5:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 11 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

CTAGTCGACC A

11

( 2 ) INFORMATION FOR SEQ ID NO: 6:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 11 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

NRRGATC YNN N

11

( 2 ) INFORMATION FOR SEQ ID NO: 7:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 22 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

GGGTCGATGC ATGCATCATC CG

22

( 2 ) INFORMATION FOR SEQ ID NO: 8:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 10 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

ATCGGATGAC

10

( 2 ) INFORMATION FOR SEQ ID NO: 9:

( i ) SEQUENCE CHARACTERISTICS:

- ( A ) LENGTH: 10 nucleotides
- ( B ) TYPE: nucleic acid
- ( C ) STRANDEDNESS: single
- ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

ATC NNNNNAC

10

( 2 ) INFORMATION FOR SEQ ID NO: 10:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 14 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TCGAGTNNNN NGAT

14

( 2 ) INFORMATION FOR SEQ ID NO: 11:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 16 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

ATCGGATGAC ATCAAC

16

( 2 ) INFORMATION FOR SEQ ID NO: 12:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 20 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

NNNAGTTGAT GTCATCCGAT

20

( 2 ) INFORMATION FOR SEQ ID NO: 13:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 20 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

NNNCGTTGAT GTCATCCGAT

20

( 2 ) INFORMATION FOR SEQ ID NO: 14:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 20 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

NNNGGTTGAT GTCATCCGAT

20

( 2 ) INFORMATION FOR SEQ ID NO: 15:

- ( i ) SEQUENCE CHARACTERISTICS:
  - ( A ) LENGTH: 20 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: single
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

NNNTGTTGAT GTCATCCGAT

20

5,654,413

35

36

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( 2 ) INFORMATION FOR SEQ ID NO: 16:

- ( i ) SEQUENCE CHARACTERISTICS:
- ( A ) LENGTH: 37 nucleotides
  - ( B ) TYPE: nucleic acid
  - ( C ) STRANDEDNESS: double
  - ( D ) TOPOLOGY: linear

( x i ) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

NNNNNGGATG NNNNNNNNNN NNNTNNNNNNN NNNNNNN

37

Sub  
Ce

662060-1809966